

INTERNATIONAL SEARCH REPORT

Internatl . . . licatlon No
PCT/NL 03/00912

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/30 H04B1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X A	GB 2 281 458 A (NOKIA TELECOMMUNICATIONS OY) 1 March 1995 (1995-03-01) the whole document	1-3, 5, 8 4, 6, 7
X A	WO 01/82641 A (WATER CORNELIS VAN DE ; ERICSSON TELEFON AB L M (SE)) 1 November 2001 (2001-11-01) abstract figure 3 page 4, line 21 - page 5, line 5 page 5, line 30 - page 8, line 3 page 8, line 29 - page 9, line 8 ----- -/--	1-3, 5-7 4, 8

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

20/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Mö11, H-P

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL 03/00912

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	EP 0 287 305 A (NIPPON ELECTRIC CO) 19 October 1988 (1988-10-19)	1-3
A	abstract figures 1,2 column 1, lines 44-51 column 2, lines 19-51 column 3, lines 18-53 -----	4-8
X	US 6 584 330 B1 (RUUSKA TAUNO) 24 June 2003 (2003-06-24)	1-4
A	figures 4,12 column 5, line 29 - column 6, line 53 column 10, lines 34-60 -----	5-8
X	US 5 410 740 A (HAGSTROEM ULF E) 25 April 1995 (1995-04-25)	1-3
A	abstract figures 1,2 column 3, line 32 - column 7, line 53 -----	4-8

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL 03/00912

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2281458	A	01-03-1995	NONE	
WO 0182641	A	01-11-2001	WO AU	01-11-2001 07-11-2001
EP 0287305	A	19-10-1988	JP DE EP	63164337 U 3888382 D1 0287305 A2
US 6584330	B1	24-06-2003	AU WO	7121601 A 0207464 A1
US 5410740	A	25-04-1995	AU AU CA CN DE DE DK EP ES FI GR HK WO SG	675836 B2 6388194 A 2136528 A1 1106198 A 69421978 D1 69421978 T2 642718 T3 0642718 A1 2141222 T3 945501 A 3032330 T3 1014303 A1 9422239 A1 48876 A1
				20-02-1997 11-10-1994 29-09-1994 02-08-1995 13-01-2000 30-03-2000 29-05-2000 15-03-1995 16-03-2000 23-11-1994 27-04-2000 08-09-2000 29-09-1994 18-05-1998